

MPE RF Exposure

Equipment Identification	Nursery Unit (Child Unit) FCC ID: M6YA3929A3930 and IC: 6162A-39293930
Model Number	A3929
ID Number	C-EP2-2
Manufacturer	Graco Children's Products 150 Oaklands Boulevard Exton, PA 19341

The A3929 Nursery unit has the antenna with 0 dBi nominal Antenna Gain. Therefore the numeric antenna gain is 1 (0 dBi=10 log (numeric gain))

Based on the FCC OET Bulletin 65, Edition 97-01, power density at a distance of 20 cm was calculated as below:

$$S=PG/4\pi R^2$$

Where:

S=Power Density (mW/cm²)

P=Power input to Antenna (mW)

G=Antenna Numeric Gain

R=Distance from center of Radiation Antenna (cm)

Tx Freq	Antenna Gain (dBi)	Antenna Gain (Numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (mW/cm²)	*Limit of Power Density (mW/cm²)
Low Tx	0	1	13.03	20.09	0.003996	909/1500=0.606
Mid Tx	0	1	12.91	19.54	0.003887	913/1500=0.608
High Tx	0	1	13.15	20.65	0.004108	919/1500=0.612

*Limit for General Population/Uncontrolled Exposure =F/1500 between 300 MHz and 1500MHz, as per FCC Part 15, Section 1.1310.

Conclusion: The A3929 Nursery Unit met the Maximum Permitted Exposure (MPE) requirements specified in FCC Part 15, Section 15.247.